

California OES Weather Threat Briefing

Tuesday, January 19, 2021
9:00 AM PST

Day 1 (Tuesday): A significant wind event will continue across the state today, with the strongest winds expected Tuesday morning. Winds will subside across northern California later today, but continue across southern California through Wednesday

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City,
UT



WEATHER KEY POINTS

01/19/21 - 01/25/21

Tuesday-Thursday

- A significant wind event is ongoing across the state
- The strongest winds are expected Tuesday morning as a strong cold front deepens the strong pressure gradient across the state
 - **Damaging winds with gusts of 70-80 mph or higher will continue across the Bay Area hills/mountains and northern Sierra and across the Central Sierra through Tuesday**
 - **Along the high Sierra, this wind event looks similar to previous events that caused widespread tree damage in the Tahoe area, with winds well in excess of 100 mph Tuesday morning**
 - Relative humidity will be low enough combined with the lack of recent rain to cause critical fire weather conditions
- A moderate to strong Santa Ana wind event is developing Tuesday morning across southern California and will continue through Wednesday morning, potentially causing wind damage and critical fire weather conditions for a significant portion of southwestern California
 - **The strongest winds will be Tuesday morning across Los Angeles and Ventura counties with damaging wind gusts 60 to 80 mph or possibly even higher (90+ mph) in some areas**
 - Relative humidity will be low enough combined with the lack of recent rain to cause critical fire weather conditions
- Winds will gradually diminish for northern California on Tuesday afternoon and for most of southern California early Wednesday
- Winds across San Diego and Orange County are expected to remain strong through Wednesday evening
- Cooler conditions with light precipitation are expected across southern California Tuesday onward, initially from San Diego to the Mojave Desert Tuesday, then more extensive into the Los Angeles metro area on Thursday

Friday-Monday

- The chance of light rain and snow continues across southern California through the weekend
- Several weather system may move into the state on Friday and through early next week, potentially bringing some light snow to the Sierra
 - Confidence is low on the extent of precipitation, however the system does not look particularly impactful at this time until the Monday timeframe when more moisture moves into the state from the west



CALIFORNIA WEATHER IMPACTS

01/19/21 - 01/25/21

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
Non-Thunderstorm Damaging Winds	All	Southern					
Snow				Inland	Inland	Inland	Inland
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Southern/ Inland	Southern					
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow							
Cold							



No Impacts



Minimal Impacts



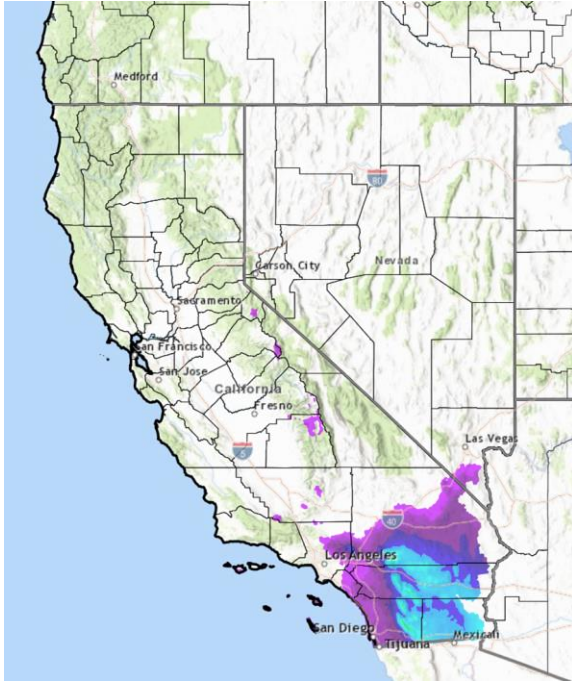
Moderate Impacts



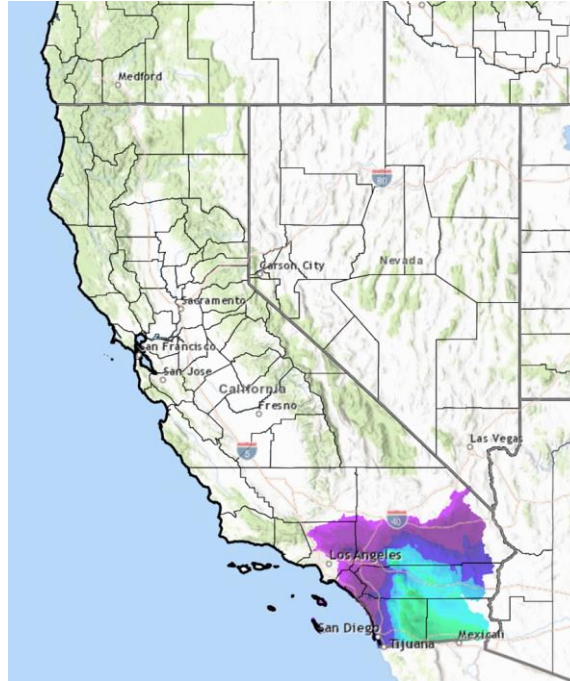
Severe Impacts

PRECIPITATION FORECAST

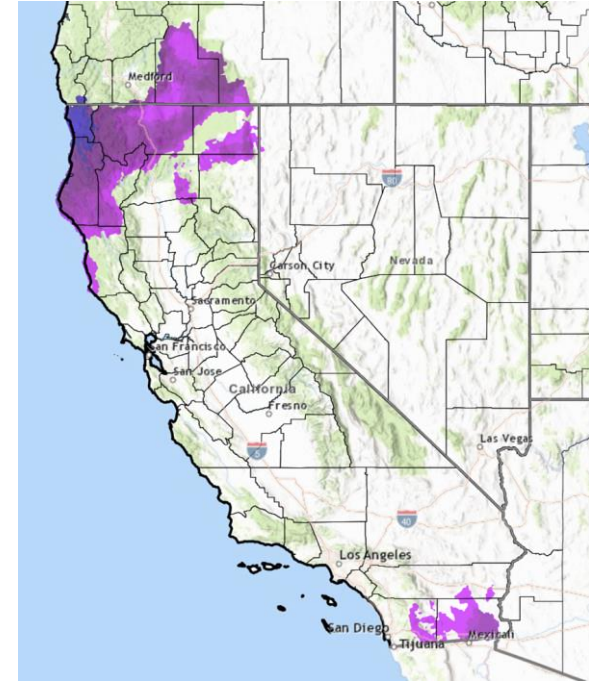
01/19/21 - 01/21/21



Tuesday



Wednesday



Thursday

Precipitation (inches)



WEATHER OUTLOOK

01/24/21 - 02/01/21

6-10 Day Outlook (January 23 – January 27)

Temperatures

- Below normal temperatures strongly favored statewide

Precipitation

- Above normal precipitation strongly favored statewide

8-14 Day Outlook (January 25 – January 31)

Temperatures

- Below normal temperatures favored statewide

Precipitation

- Above normal precipitation slightly favored for Coastal and Southern Regions; above normal precipitation strongly favored across Inland Region



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